



Filed Prior Art 126 \$  
T. McBeth  
C/21/04 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nir N. Shavit et al.

Title: MAINTAINING A DOUBLE-ENDED QUEUE AS A LINKED-LIST  
WITH SENTINEL NODES AND DELETE FLAGS WITH CONCURRENT  
NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A  
DOUBLE COMPARE-AND-SWAP PRIMITIVE

Application No.: 09/547,290

Filed: April 11, 2000

**RECEIVED**

Examiner: Lewis Alexander  
Bullock Jr.

Group Art Unit: 2126

APR 16 2004

Technology Center 2100

Atty. Docket No.: 004-4664

April 12, 2004

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**37 C.F.R. § 1.97(c)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO-1449  
☒ Other: Copies of 6 references

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

1. an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described below; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

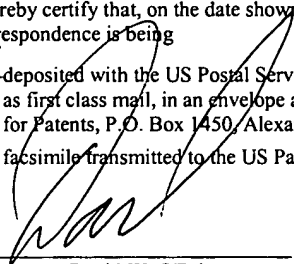


PATENT

### FEE AUTHORIZATION


The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of (i) a final action under § 1.113, (ii) a notice of allowance under § 1.311 or (iii) an action that otherwise closes prosecution. Accordingly, this Information Disclosure Statement is accompanied by the fee set forth in § 1.17(p) as follows:

- ☒ A check in the amount of \$180.00 is enclosed herewith.
- ☐ The undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. n/a.

<u>CERTIFICATE OF MAILING OR TRANSMISSION</u>	
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David W. O'Brien	Date

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Respectfully submitted,



David W. O'Brien, Reg. No. 40,107  
Attorney for Applicant(s)  
(512) 338-6300  
(512) 338- 6301 (fax)

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U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 004-4664	
				Application No.: 09/547,290	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): Nir N. Shavit et al.	
(Use several sheets if necessary)				Filing Date: April 11, 2000	
				Group Art Unit: 2126	
				Date Submitted: April 12, 2004	
U.S. Patent Documents					
*Examiner Initial		Document Number	Date	Name	
	1	3,686,641	Aug. 22, 1972	Logan et al.	
	2	5,797,005	Aug. 18, 1998	Bahls et al.	
	3	6,247,064	Jun. 12, 2001	Alferness et al.	
	4	6,360,219	Mar. 19, 2002	Bretl et al.	
	5	6,374,339	Apr. 16, 2002	Iivonen	
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Foreign Patent Documents					
					Translation
		Document	Date	Country	Yes No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
✓	6	Chuang, Tyng-Ruey et al., "Real-Time Deques, Multihead Turing Machines, and Purely Functional Programming", ACM, June 1993.			
Examiner		Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.					